

FIGURE 1

09863001 052401

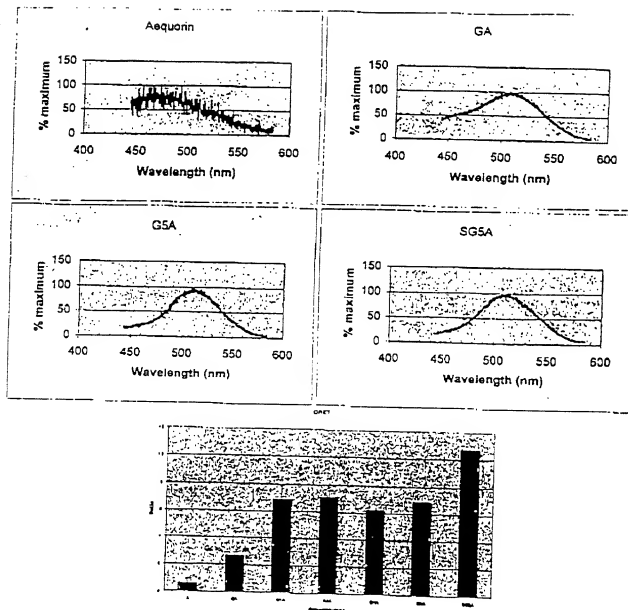


FIGURE 2

00663001 052401
104250 1062800

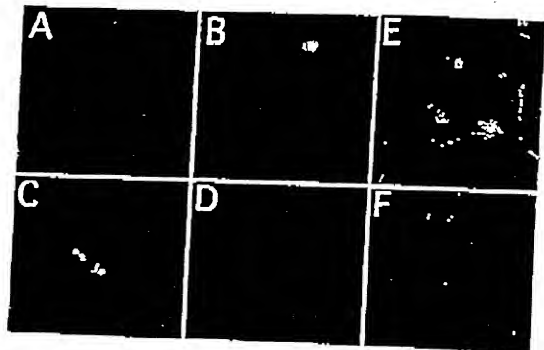


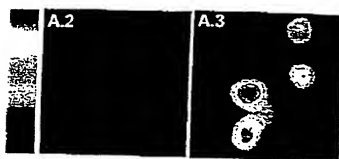
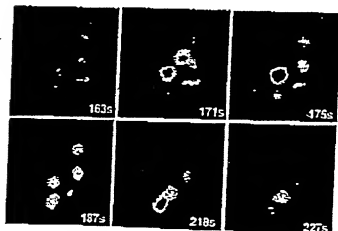
FIGURE 3

A.1

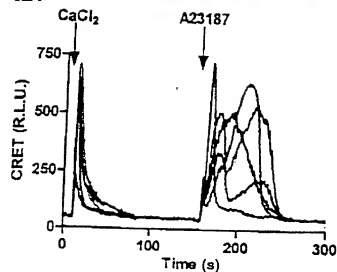
CaCl₂



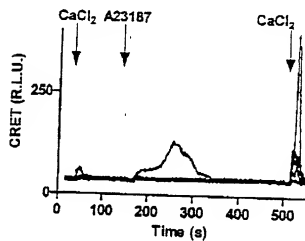
A23187



A.4



B



C

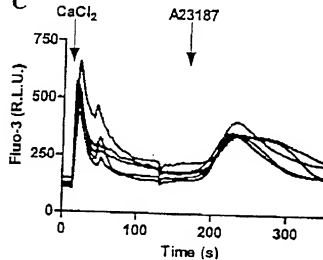


FIGURE 4

0065901 02201
F01250 1065560

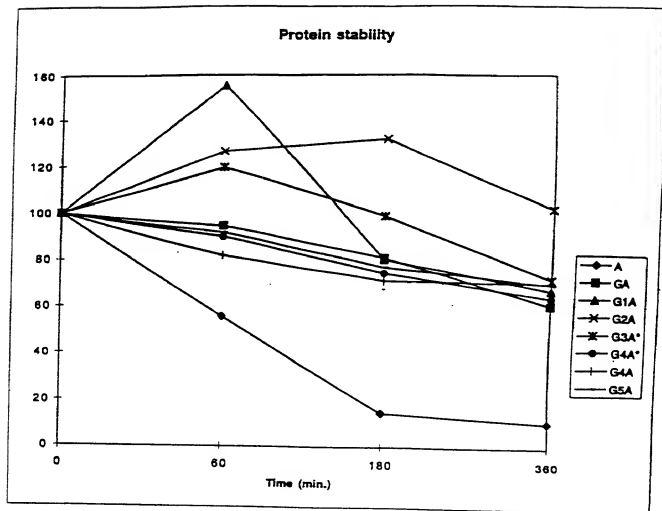
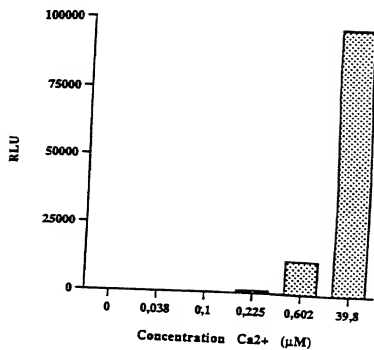


FIGURE 5

Aequorine



G5A

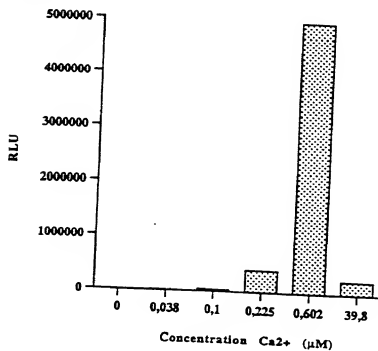
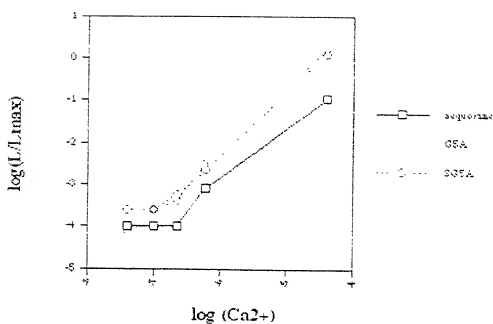
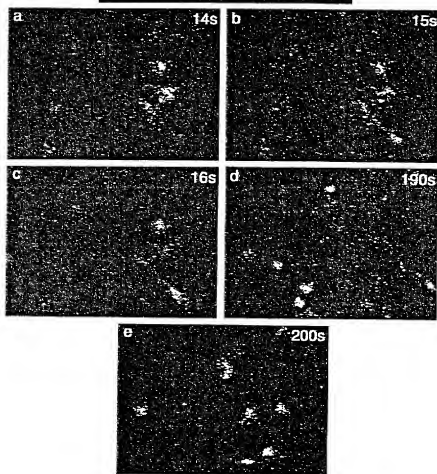
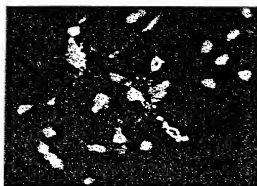


FIGURE 6



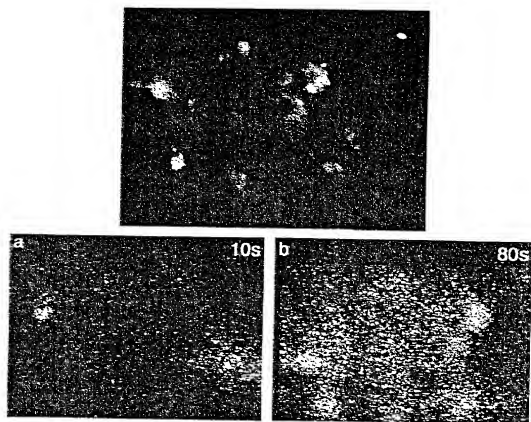
Calibration curves between the bioluminescent activity and Ca^{2+}

FIG. 7



Fluorescence and Ca^{2+} -induced bioluminescent activity
in dissociated neurons in culture infected with adenoviral-G5A vectors.

FIG. 8



Fluorescence and Ca^{2+} -induced bioluminescent activities in dissociated neurons in culture infected with adenoviral-SG5A vectors.

FIG. 9

104250' 10629860

map1935a1

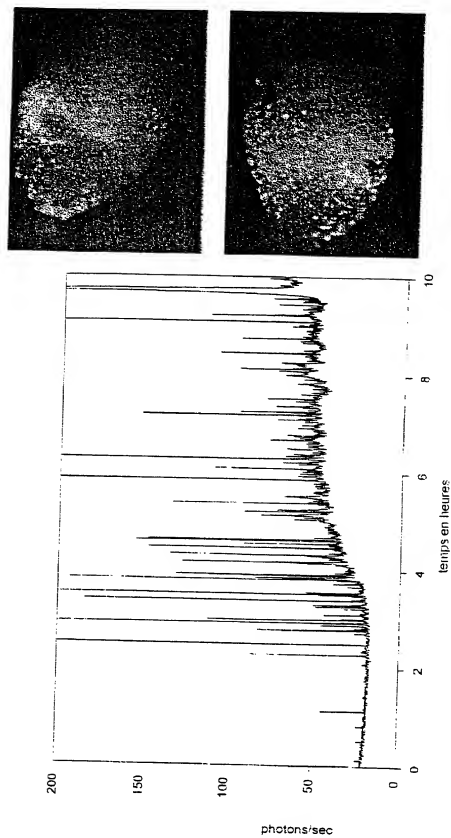


FIG. 10

101250 10629800

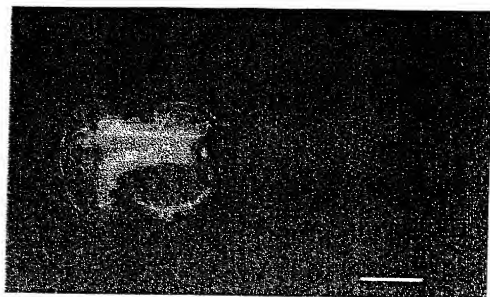


FIG. 11